BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Detailed Estimate for the work of Providing pot hole filling in ward no -03.

Estimate Cost Rs. 3000000.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.155 & I.No.20.18) SR 2018-19	cum							
			30	1.10	1.90	0.10	6.27		
			35	2.20	0.70	0.10	5.39		
			28	3.00	3.50	0.10	29.40		
			20	2.40	1.70	0.10	8.16		
			10	2.60	2.50	0.10	6.50		
			12	1.90	1.90	0.10	4.33		
			8	0.90	1.00	0.10	0.72		
			9	2.50	2.00	0.10	4.50		
			12	4.50	2.60	0.10	14.04		
			11	3.20	1.40	0.10	4.93		
			9	1.70	3.10	0.10	4.74		
			10	1.40	3.00	0.10	4.20		
			10	2.40	2.30	0.10	5.52		
			12	1.50	3.50	0.10	6.30		
			13	3.20	2.30	0.10	9.57		
			14	1.90	1.90	0.10	5.05		
			15	0.80	1.00	0.10	1.20		
			32	1.00	2.30	0.10	7.36		
			32	1.20	2.10	0.10	8.06		
			35	2.90	3.20	0.10	32.48		
			40	2.00	3.20	0.10	25.60		
			20	1.40	1.80	0.10	5.04		
			25	2.60	1.30	0.10	8.45		
			26	2.10	1.80	0.10	9.83		
			12	1.60	1.80	0.10	3.46		

S No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			12	2.10	2.00	0.10	5.04		
			15	1.30	2.60	0.10	5.07		
			16	1.30	2.10	0.10	4.37		
			17	2.30	2.20	0.10	8.60		
			18	2.10	1.40	0.10	5.29		
			19	1.60	1.70	0.10	5.17		
			20	4.30	1.60	0.10	13.76		
			20	1.50	1.60	0.10	4.80		
			22	1.60	3.70	0.10	13.02		
			25	0.70	1.30	0.10	2.28		
			25	1.20	2.50	0.10	7.50		
			26	2.00	1.20	0.10	6.24		
			27	1.30	3.00	0.10	10.53		
			25	1.20	1.00	0.10	3.00		
			22	3.20	1.20	0.10	8.45		
			23	1.40	1.10	0.10	3.54		
			22	1.50	1.90	0.10	6.27		
			20	3.20	1.90	0.10	12.16		
			21	2.30	1.20	0.10	5.80		
			22	3.80	1.20	0.10	10.03		
			23	1.00	2.30	0.10	5.29		
			24	1.20	2.10	0.10	6.05		
			40	2.90	3.20	0.10	37.12		
			35	2.00	3.20	0.10	22.40		
			45	1.40	1.80	0.10	11.34		
			55	2.60	1.30	0.10	18.59		
			27	2.10	1.80	0.10	10.21		
							473.01		
							473.01	2001.28	**946633.00**
	Basic Rate	1888.00							
	Area Weightage 6%	113.28							
	Grand Total	2001.28							
2	filling of potholes and Patch Repairs with Bituminous Concrete ,40mm Removal of all failed material,trimming of completed exavation to provide firm vertical faces cleaning of surface, pai nting of tack coat on the sides and base of exavation as per clause 500.3,back filling the pot holes with hot bituminous material as per clause 500.4, compacting trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2 complete as per specifications MORTH pecifications No.3004.2 (Page No.257 /Item No.35.5) SR 2018-19	Sqm							
			30	1.10	1.90		62.70		
			35	2.20	0.70		53.90		

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			28	3.00	3.50		294.00		
			20	2.40	1.70		81.60		
			10	2.60	2.50		65.00		
			12	1.90	1.90		43.32		
			8	0.90	1.00		7.20		
			9	2.50	2.00		45.00		
			12	4.50	2.60		140.40		
			11	3.20	1.40		49.28		
			9	1.70	3.10		47.43		
			10	1.40	3.00		42.00		
			10	2.40	2.30		55.20		
			12	1.50	3.50		63.00		
			13	3.20	2.30		95.68		
			14	1.90	1.90		50.54		
			15	0.80	1.00		12.00		
			32	1.00	2.30		73.60		
			32	1.20	2.10		80.64		
			35	2.90	3.20		324.80		
			40	2.00	3.20		256.00		
			20	1.40	1.80		50.40		
			25	2.60	1.30		84.50		
			26	2.10	1.80		98.28		
			12	1.60	1.80		34.56		
			12	2.10	2.00		50.40		
			15	1.30	2.60		50.70		
			16	1.30	2.10		43.68		
			17	2.30	2.20		86.02		
			18	2.10	1.40		52.92		
			19	1.60	1.70		51.68		
			20	4.30	1.60		137.60		
			20	1.50	1.60		48.00		
			22	1.60	3.70		130.24		
			25	0.70	1.30		22.75		
			25	1.20	2.50		75.00		
			26	2.00	1.20		62.40		
			27	1.30	3.00		105.30		
			25	1.20	1.00		30.00		
			22	3.20	1.20		84.48		
			23	1.40	1.10		35.42		
			22	1.50	1.90		62.70		
			20	3.20	1.90		121.60		
			21	2.30	1.20		57.96		
			22	3.80	1.20		100.32		
			23	1.00	2.30		52.90		
			24	1.20	2.10		60.48		
			40	2.90	3.20		371.20		
			35	2.00	3.20		224.00		
			45	1.40	1.80		113.40		
			55	2.60	1.30		185.90		
			27	2.10	1.80		102.06		
							4730.14		

S No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							4730.14	365.70	1729812.00
	Basic Rate	345.00							
	Area Weightage 6%	20.70							
	Grand Total	365.70							
16	GST of 12% as per Govt Letter No PWD 65 RDF 2017 Dated 11-10-2018.						Sub Total		2676445.00
									321173.40
17	Miscellaneous charges								
									2382
	(Rupees Twenty five lakhs Only)							Total	3000000.00

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2018-19
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Executive Engineer
Yelahanka Division
Bangalore.

Assistant Executive Engineer
Yelahanka satelite town sub division.
Bangalore

Technical Sanction
Accorded For A.S.30: already only
Head of A/C...P.1771.....
CER NO :TS/115/18-19 Dt:30.11.18

[TA] CE (YNK)

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 30.00Lakhs

Name of Work:-Pot Hole Filling in ward no-03.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 500-3: **Scarifying** existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100 m sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications. MORTH Chapter 5 (PWD SR 2016-17 P.N161 It 21.3)								
	For pot holes:-Attur Layout	sqm	75	3.00	2.50		562.50		
	Dodda Bettahalli		47	1.50	0.70		49.35		
	Anantha pura, Ms Palya		38	2.00	1.50		114.00		
	Sambram college		65	1.20	0.90		70.20		
	sainagara PhASE-2		37	2.50	1.80		166.50		
	AMS Layout		48	4.00	3.00		576.00		
	Aditya nager		47	3.00	1.50		211.50		
	208 sfs Area,707 Area And 4th Phase		152	4.00	2.75		1672.00		
	For road cuttings		65	7.20	0.60		280.80		
			43	6.00	0.60		154.80		
							3857.65		
	Deduct existing potholes			qty= 35%			1350.18		
							2507.47	**102.36**	**256675.00**
	Basic Rate	87.00							
	Add 11% of Difference Rates in Up to Date SR 2017-	9.57							
		96.57							
	Area Weightage @ 6%	5.79							
	Total	**102.36**							
2	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification: 406 (PWD SR 2016-17 P.No.158 It 20.18)								
	For pot holes:-Attur Layout	cum	75	3.00	2.50	0.20	112.50		
	Dodda Bettahalli		47	1.50	0.70	0.15	7.40		
	Anantha pura, Ms Palya		38	2.00	1.50	0.15	17.10		
	Sambram college		65	1.20	0.90	0.20	14.04		
	sainagara PhASE-2		37	2.50	1.80	0.15	24.98		
	AMS Layout		48	4.00	3.00	0.15	86.40		
	Aditya nager		47	3.00	1.50	0.15	31.73		
	208 sfs Area,707 Area And 4th Phase		152	4.00	2.75	0.20	334.40		
	For road cuttings		65	7.20	0.60	0.25	70.20		
			43	6.00	0.60	0.25	38.70		
	Basic Rate	1668.00					**737.44**	**1962.57**	**1447282.00**
	Add 11% of Difference Rates in Up to Date SR 2017-	183.48							
		1851.48							
	Area Weightage @ 6%	111.09							
	Total	**1962.57**							

	KSRRB 3000: **Filling pot holes & patch repairs with bituminous concrete 40mm.** KSRRB M3000-5: Removal of all failed materials, trimming of completed excavation to wide firm vertical faces, cleaning of surface, painting of tack coat on the sides & base of excavation as per Clause 500.3, back filling the pot holes with hot bituminous material as per clause 500.4, compacting, trimming and finishing the surface to form a smooth continous surface, all as per clause 3004.2 complete as per specifications Morth Specification No 3004.2 (PWD SR 2016-17 P.N 257It 35.5)								
	For pot holes:-Attur Layout	sqm	75	3.00	2.50		562.50		
	Dodda Bettahalli		47	1.50	0.70		49.35		
	Anantha pura, Ms Palya		38	2.00	1.50		114.00		
	Sambram college		65	1.20	0.90		70.20		
	sainagara PhASE-2		37	2.50	1.80		166.50		
	AMS Layout		48	4.00	3.00		576.00		
	Aditya nager		47	3.00	1.50		211.50		
	208 sfs Area,707 Area And 4th Phase		152	4.00	2.75		1672.00		
	For road cuttings		65	7.20	0.60		280.80		
			43	6.00	0.60		154.80		
							3857.65	**335.33**	**1293590.00**
	Basic Rate	285.00							
	Add 11% of Difference Rates in Up to Date SR 2017-2018	31.35							
		316.35							
	Area Weightage @ 6%	18.98							
	Total	**335.33**							
4	Miscellaneous charges	L/S							2453.00
								Total RS	**3000000.00**
	(Rupees Thirty lakh only)								

Certificate

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2017-18
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward no: 03

Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Approval
Accorded For 30.00 lakhs.
Head of A/C P1771
CER NO :260 Dt: 08/02/18

TA CE (YNK)

Technical Sanction
Accorded For 30.00 lakhs.
Head of A/C P1771
CER NO :691A Dt: 16/02/18

TA CE (YNK)